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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended October 19, 1990 NO. 42

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/19/90	Last Week Ending: 10/12/90	Last Year Week Ending: 10/20/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,987	13,380	13,305	-393	-318
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	83.3	85.8	85.4		
Motor Gasoline					
Total motor gasoline production	6,856	7,082	6,806	-226	50
Finished leaded motor gasoline production	375	285	616	90	-241
Finished unleaded motor gasoline production	6,481	6,797	6,190	-316	291
Total motor gasoline stocks	222,605	225,927	223,156	-3,322	-551
Finished leaded motor gasoline stocks	10,635	10,543	21,275	92	-10,640
Finished unleaded motor gasoline stocks	172,503	175,022	163,063	-2,519	9,440
Jet Fuel Kerosine					
Jet fuel kerosine production	1,473	1,457	1,337	16	136
Jet fuel kerosine stocks	44,542	43,476	43,656	1,066	886
Distillate Fuel Oil					
Distillate fuel oil production	2,886	2,927	2,724	-41	162
Distillate fuel oil stocks	136,881	135,937	119,966	944	16,915
Residual Fuel Oil					
Residual fuel oil production	788	838	970	-50	-182
Residual fuel oil stocks	49,645	50,819	47,508	-1,174	2,137
Imports					
Crude oil imports	4,831	5,046	5,152	-215	-321
Product imports	1,600	1,289	1,983	311	-383
Crude Oil Stocks					
Crude oil stocks	340,381	343,257	336,454	-2,876	3,927
Crude Supply Balance	521				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,313	1,055	1,059	1,384	76.5
Appal. No. 1	111	104	104	124	83.9
DISTRICT 1 TOTAL	1,424	1,159	1,163	1,508	77.1
Ind., Ill., Ky.	2,140	1,963	1,963	2,195	89.4
Minn., Wisc., Daks.	342	323	325	343	94.8
Okla., Kans., Mo.	666	605	618	737	83.9
DISTRICT 2 TOTAL	3,148	2,891	2,906	3,275	88.7
Inland Texas	567	519	526	584	90.1
Texas Gulf Coast	3,263	2,749	2,825	3,339	84.6
La. Gulf Coast	2,483	2,242	2,274	2,903	78.3
N. La. and Ark.	185	171	171	257	66.5
New Mexico	44	44	44	78	56.4
DISTRICT 3 TOTAL	6,542	5,725	5,840	7,161	81.6
DISTRICT 4 TOTAL	457	423	429	556	77.2
DISTRICT 5 TOTAL	2,787	2,571	2,649	3,091	85.7
TOTAL U.S.	14,358	12,769	12,987	15,591	83.3
TOTAL U.S. Weeks Ended:					
OCT. 12, 1990	14,578	13,132	13,380	15,591	85.8
OCT. 20, 1989	14,297	13,156	13,305	15,576	85.4
DISTRICTS 1-4 Weeks Ended:					
OCT. 19, 1990	11,571	10,198	10,338	12,500	82.7
OCT. 12, 1990	11,754	10,493	10,634	12,500	85.1
OCT. 20, 1989	11,556	10,546	10,623	12,538	84.7

API WEEKLY STATISTICAL BULLETIN

Week Ended October 19, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	543	8	535	10	117	286	111
Appal. No. 1	36	--	36	--	--	30	1
DISTRICT 1 TOTAL	579	8	571	10	117	316	112
Ind., Ill., Ky.	1,151	3	1,148	5	138	466	49
Minn., Wisc., Daks.	186	3	183	2	17	99	9
Okla., Kans., Mo.	344	33	311	3	33	182	2
DISTRICT 2 TOTAL	1,681	39	1,642	10	188	747	60
Inland Texas	314	21	293	23	45	138	13
Texas Gulf Coast	1,482	3	1,479	31	355	561	157
La. Gulf Coast	1,209	50	1,159	8	343	479	104
N. La. and Ark.	67	--	67	5	5	49	6
New Mexico	38	8	30	4	1	12	1
DISTRICT 3 TOTAL	3,110	82	3,028	71	749	1,239	281
DISTRICT 4 TOTAL	235	58	177	12	23	124	11
DISTRICT 5 TOTAL	1,251	188	1,063	65	396	460	324
TOTAL U.S.	6,856	375	6,481	168	1,473	2,886	788
TOTAL U.S. Weeks Ended:							
OCT. 12, 1990	7,082	285	6,797	183	1,457	2,927	838
OCT. 20, 1989	6,806	616	6,190	191	1,337	2,724	970
DISTRICTS 1-4 Weeks Ended:							
OCT. 19, 1990	5,605	187	5,418	103	1,077	2,426	464
OCT. 12, 1990	5,826	132	5,694	123	1,054	2,488	508
OCT. 20, 1989	5,598	345	5,253	131	970	2,297	610

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 19, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,436	10	4,425	1	76	547	6,568	584	--
Central Atlantic	27,361	37	22,598	4,726	367	5,108	40,868	20,960	12,227
Lower Atlantic	29,452	19	29,212	221	378	5,790	17,077	2,195	396
DISTRICT 1 TOTAL	61,249	66	56,235	4,948	821	11,445	64,513	23,739	12,623
DISTRICT 2 TOTAL	60,044	3,044	48,418	8,582	981	8,636	29,329	4,388	15,640
DISTRICT 3 TOTAL	63,224	777	46,113	16,334	2,302	16,396	29,248	14,196	52,555
DISTRICT 4 TOTAL	6,330	1,353	3,113	1,864	400	603	2,451	584	2,198
DISTRICT 5 TOTAL	31,758	5,395	18,624	7,739	1,396	7,462	11,340	6,738	25,756
TOTAL U.S.	222,605	10,635	172,503	39,467	6,400	44,542	136,881	49,645	108,772
TOTAL U.S. Weeks Ended:									
OCT. 12, 1990	225,927	10,543	175,022	40,362	6,170	43,476	135,937	50,819	108,629
OCT. 20, 1989	223,156	21,275	163,063	38,818	6,060	43,656	119,966	47,508	108,998
DISTRICTS 1-4 Weeks Ended:									
OCT. 19, 1990	190,847	5,240	153,879	31,728	4,504	37,080	125,541	42,907	83,016
OCT. 12, 1990	194,015	5,294	156,067	32,654	4,417	36,656	124,423	43,966	82,360
OCT. 20, 1989	194,002	15,185	147,364	31,453	4,325	37,927	109,191	39,936	84,083

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 19, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 19, 1990	4,338.0	4,461.0	4,676	666	266,967
OCT. 12, 1990	4,338.0	--	4,719	571	270,942
OCT. 5, 1990	4,371.0	--	5,292	603	276,558
SEP. 28, 1990	4,371.0	--	5,325	638	283,130
DISTRICT 5 TOTAL					
OCT. 19, 1990	2,787.0	2,741.0	155	10	73,414 #
OCT. 12, 1990	2,787.0	--	327	--	72,315
OCT. 5, 1990	2,633.0	--	251	--	72,937
SEP. 28, 1990	2,633.0	--	134	11	71,514
TOTAL U.S.					
OCT. 19, 1990	7,125.0	7,202.0	4,831	676	340,381 #
OCT. 12, 1990	7,125.0	--	5,046	571	343,257
OCT. 5, 1990	7,004.0	--	5,543	603	349,495
SEP. 28, 1990	7,004.0	--	5,459	649	354,644
OCT. 20, 1989	7,453.0 a/	--	5,152	576	336,454

#INCLUDES 18,918 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
OCT. 19, 1990	521	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 19, 1990	15,905	71,291	168,259	11,512	266,967	73,414 #	340,381 #
OCT. 12, 1990	15,813	71,918	171,888	11,323	270,942	72,315	343,257
OCT. 20, 1989	14,163	70,075	160,956	11,600	256,794	79,660	336,454

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2]: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	29	--	29	--	--	--	100	77	3	--	--	209
Central Atlantic	151	--	151	19	--	--	151	231	13	159	8	732
Lower Atlantic	--	--	--	--	--	15	14	137	--	--	40	206
DISTRICT 1 TOTAL												
OCT. 19, 1990	180	--	180	19	--	15	265	445	16	159	48	1,147
OCT. 12, 1990	88	--	88	22	--	30	46	226	144	139	11	706
OCT. 5, 1990	209	--	209	20	--	48	178	328	10	80	61	934
SEP. 28, 1990	443	--	443	69	--	36	329	264	24	214	78	1,457
DISTRICTS 2-4 TOTAL												
OCT. 19, 1990	2	--	2	8	2	5	4	8	116	237	48	430
OCT. 12, 1990	2	--	2	42	2	5	1	3	130	363	19	567
OCT. 5, 1990	3	--	3	4	--	60	3	5	86	302	157	620
SEP. 28, 1990	7	--	7	9	2	50	6	5	169	280	345	873
DISTRICT 5 TOTAL												
OCT. 19, 1990	4	--	4	--	--	1	2	6	9	--	1	23
OCT. 12, 1990	6	--	6	--	--	1	--	--	8	--	1	16
OCT. 5, 1990	4	--	4	--	--	5	1	4	3	--	11	28
SEP. 28, 1990	30	--	30	--	--	3	2	38	9	--	5	87
TOTAL U.S.	186	--	186	27	2	21	271	459	141	396	97	1,600
TOTAL U.S. Weeks Ended:												
OCT. 12, 1990	96	--	96	64	2	36	47	229	282	502	31	1,289
OCT. 5, 1990	216	--	216	24	--	113	182	337	99	382	229	1,582
SEP. 28, 1990	480	--	480	78	2	89	337	307	202	494	428	2,417
OCT. 20, 1989	532	--	532	49	46	45	223	468	182	290	148	1,983

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.